

DOCKET NO. 2002.01.035.WT0
U.S. SERIAL NO. 09/998,385
PATENT

IN THE CLAIMS

Please amend the claims as follows. For claims not marked as amended in this response, any difference in the claims below and the previous state of the claims is unintentional and in the nature of a typographical error.

1. (Currently Amended) A wireless mobile station comprising:
an RF transceiver capable of up-converting a baseband signal to produce an output RF signal;
an antenna coupled to said RF transceiver for transmitting said output RF signal;
a power supply capable of supplying power to said RF transceiver; and
wherein said antenna comprises
a first conductor capable of providing a first conduction path between said power supply and said RF transceiver, such that when said antenna is in a first position, said first conduction path is closed and power is supplied to said RF transceiver from said power supply and when said antenna is translated to a second position, said first conduction path is opened and said power is not supplied to said RF transceiver from said power supply, and
a second conductor capable of providing a second conduction path between said power supply and an indicator lamp, such that when said antenna is in said first position, said second conduction path is closed and power is not supplied to said indicator lamp and when said antenna is translated to said second position, said second conduction path is opened and power is supplied to said indicator lamp, thereby illuminating said indicator lamp.

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2. (Original) The wireless mobile station as set forth in Claim 1 wherein translation of said antenna to said second position is highly visible to an observer.

3. (Canceled).

4. (Currently Amended) The wireless mobile station as set forth in Claim [[3]] 1 wherein said indicator lamp produces a bright fluorescent light.

5. (Currently Amended) The wireless mobile station as set forth in Claim [[4]] 1 wherein the wireless mobile station is a cellular telephone handset.

6. (Currently Amended) The wireless mobile station as set forth in Claim [[4]] 1 wherein the wireless mobile station is a personal digital assistant (PDA) device equipped with a wireless modem.

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7. (Currently Amended) A wireless mobile station comprising:

an RF transceiver capable of up-converting a baseband signal to produce an output RF signal;

a removable antenna coupled to said RF transceiver for transmitting said output RF signal;

a power supply capable of supplying power to said RF transceiver; and

wherein said removable antenna comprises

a first conductor capable of providing a first conduction path between said power supply and said RF transceiver, such that when said removable antenna is connected to said wireless mobile station, said first conduction path is closed and power is supplied to said RF transceiver from said power supply and when said antenna is disconnected from said wireless mobile station, said first conduction path is opened and said power is not supplied to said RF transceiver from said power supply, and

a second conductor capable of providing a second conduction path between said power supply and an indicator lamp, such that when said removable antenna is connected to said wireless mobile station, said second conduction path is closed and power is not supplied to said indicator lamp and when said removable antenna is not connected to said wireless mobile station, said second conduction path is opened and power is supplied to said indicator lamp, thereby illuminating said indicator lamp.

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8. (Original) The wireless mobile station as set forth in Claim 7 wherein disconnection of said removable antenna from said wireless mobile station is highly visible to an observer.

9. (Canceled).

10. (Currently Amended) The wireless mobile station as set forth in Claim ~~[[9]]~~ 7 wherein said indicator lamp produces a bright fluorescent light.

11. (Currently Amended) The wireless mobile station as set forth in Claim ~~40~~ 7 wherein the wireless mobile station is a cellular telephone handset.

12. (Currently Amended) The wireless mobile station as set forth in Claim ~~40~~ 7 wherein the wireless mobile station is a personal digital assistant (PDA) device equipped with a wireless modem.

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13. (Currently Amended) For use in a wireless mobile station comprising an RF transceiver capable of up-converting a baseband signal to produce an output RF signal, an indicator lamp, an antenna coupled to the RF transceiver for transmitting the output RF signal, the antenna comprising a first conductor and a second conductor, and a power supply capable of supplying power to the RF transceiver, a method of supplying power to the RF transmitter comprising the steps of:

positioning the antenna in a first position wherein the first conductor closes a first conduction path between the power supply and the RF transceiver, such that power is supplied to the RF transceiver from the power supply, and wherein the second conductor closes a second conduction path between the power supply and the indicator lamp, such that power is not supplied to the indicator lamp; and

positioning the antenna in a second position wherein the first conductor opens the first conduction path between the power supply and the RF transceiver, such that power is not supplied to the RF transceiver from the power supply, and wherein the second conductor opens the second conduction path, such that power is supplied to the indicator lamp, thereby illuminating the indicator lamp.

14. (Previously Presented) The method of Claim 13, wherein the second position of the antenna is visibly different to an observer from the first position of the antenna.

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15. (Canceled).

16. (Currently Amended) The method of Claim ~~15~~ 13, wherein the indicator lamp produces a bright fluorescent light.

17. (Currently Amended) The method of Claim ~~15~~ 13, wherein the wireless mobile station is a cellular telephone handset.

18. (Currently Amended) The method of Claim ~~15~~ 13, wherein the wireless mobile station is a personal digital assistant (PDA) device equipped with a wireless modem.